MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH 1956

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

MARCH 1956

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.5	57·7	57.4	58.2	17.7	9.8	14.3	17.2	10.1	13.9
2	58.3	58.3	59.4	58.7	16.5	9.3	14.4	14.7	12.5	13.9
3	59.4	59.9	61.8	60.4	14.9	10.0	10.2	13.7	12.5	12.1
4	62.6	61.6	62.0	62.1	17.7	13.0	14.7	17.4	15.4	15.8
5	62.9	62.5	63.0	62.8	17.5	12.7	14.7	17.2	15.2	15.7
6	61.7	59.8	58.3	59.9	19.4	14.3	15.2	18.8	15.8	16.6
7	56.3	55.7	56.4	56.1	19.0	12.4	16.8	18.2	14.4	16.5
8	58.6	59.7	62.0	60.1	16.2	11.6	13.0	14.7	13.3	13.7
9	63.1	61.7	61.2	62.0	17.3	12.5	14.6	16.7	14.7	15.3
10	60.5	60.6	61.1	60.7	18.6	13 7	16.4	17.5	15.2	16.4
11	60.9	59.7	61.1	60.6	19.0	13.1	16.9	18.6	15.8	17.1
12	64.3	65.2	65.6	65.0	17.0	11.1	14.6	16.4	13.7	14.9
13	65.3	63.4	60.6	63.1	18.7	13.6	13.8	17.8	15.0	15.5
14	56.6	54.2	58.1	56.3	24.9	12.7	19.2	24.4	16.2	19.9
15	59.6	59.3	59.3	59.4	18.5	11.3	15.4	17.6	13.4	15.5
16	59.3	59.7	60.1	59.7	16.8	11.3	11.6	15.8	13.6	13.7
17	60.5	59.4	59.8	59.9	17.1	10.5	15.2	16.7	12.2	14.7
18	58.6	58.6	59.1	58.8	17.0	11.2	13.1	16.3	12.6	14.0
19	58.9	58.4	59.2	58.8	16.9	12.1	15.6	13.6	12.7	14.0
20	60.7	60.9	61.6	61.1	19.7	12.2	15.9	19.4	14.2	16.5
21	61.8	60.3	60.5	60.9	18.8	13.8	16.2	18.3	15.1	16.5
22	61.2	61.0	61.8	61.3	20.0	11.7	16.5	19.2	15.4	17.0
23	62.9	63.0	64.0	63.3	15.0	10.2	14.9	15.2	12.1	14.1
24	63.8	62.2	60.5	62.2	15.0	11.7	14.1	13.9	13.0	13.7
25	57.8	57.4	59.4	58.2	18 6	12.6	15.6	16.1	15.4	15.7
26	62.1	62.0	62.6	62.2	17.4	11.1	14.4	16.7	13.7	14.9
27	61.0	59.5	57.2	59.2	18.3	12.7	15.1	15.7	14.0	14.9
28	55.1	55.4	56.5	55.7	20.7	9.5	17.3	19.4	12.2	16.3
29	54.7	55.9	57.7	56.1	14.6	9.2	10.6	13.9	11.9	12.1
30	58.5	58.9	61.4	59.6	15.4	8.7	11.0	13 2	10.4	11.5
31	65.4	66.9	68.7	67.0	16.0	9.2	12.2	15.6	11.7	13.2
	60.38	59.96	60.56	60.30	17.75	11.57	14.63	16.77	13.66	15.02

Barometer, range for month 768.7 mm. — 754.2 mm.
„ 71-yr. average for month 761.187 mm.
Thermometer, range for month 24.9°C — 8.7°C
„ 71-yr. average for month 16.16°C
Rain total for month 111.76 mm.
„ 71-yrs average for month 92.54 mm.
„ Total, Sept. 1st. to end of month 845.70 mm.
„ 71-yrs. average. Sept. 1st. to end of month 814.84 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	10.1	10.2	11.4	10.6	62	51	93	69	6.9	496.0	19.05
2	11.0	12.5	12.3	11.9	67	76	87	77	4.6	542.0	4.32
3	11.4	11.0	9.6	10.7	91	68	68	76	1.3	449.0	27.44
4	10.1	11.7	12.1	11.3	62	61	68	64	6.0	525.0	
5	11.5	12.2	10.6	11.4	71	62	64	66	9.5	365.0	1.27
6	12.0	15.0	15.0	14.0	72	70	87	76	9.5	354.0	
7	15.7	14.4	15.0	15.0	84	68	89	80	3.1	644.0	5.84
8	11.4	11.0	12.4	11.6	78	68	81	76	0.4	460.0	2.28
9	10.1	11.6	12.0	11.2	62	60	73	65	9.1	436.0	
10	14.1	13.7	13.5	13.8	76	70	80	75	5.5	399.0	
11	13.6	14.9	13.0	13.8	73	71	74	73	4.5	499.0	1.02
12	8.7	9.7	10.5	9.6	54	30	65	56	8.7	475.0	
13	9.6	12.8	12.5	11.6	61	63	73	66	7.4	346.0	
14	12.9	7.4	14.6	11.6	58	25	85	56	2.9	689.0	0.25
15	11.6	11.8	12.9	12.1	67	59	85	70	6.0	750.0	7.37
16	10.9	10.1	9.2	10.1	79	57	61	66	5.9	529.0	8.13
17	8.7	9.2	8.7	8.9	53	49	61	54	8.7	266.0	
18	9.6	10 2	10.1	10.0	63	57	69	63	6.8	203.0	
19	10.6	12.9	13.8	12.4	60	85	95	80	1.8	293.0	9.91
20	13.6	14.6	12.9	13.7	73	64	78	72	8.9	225.0	2.03
21	13.1	13.3	13.0	13.1	73	63	77	70	9.5	285.0	
22	12.6	13.9	13.0	13.2	66	65	73	68	7.8	422.0	0.51
23	8.3	7.8	7.4	7.8	49	46	52	49	9.5	690.0	1.52
24	7.0	7.8	8.3	7.7	44	48	57	50	6.4	711.0	
25	10.6	8.3	8.8	9 2	60	44	51	52	4.5	1188.0	
26	8.3	7.4	8.7	8.1	52	40	54	49	9.3	645.0	
27	8.7	9.7	9.2	9.2	52	56	60	56	4.6	301.0	
28	11.2	11.4	11.9	11.5	58	49	84	64	6.6	364.0	1.27
29	11.8	9.6	5.8	9.1	93	59	43	65	3.2	772.0	18.80
30	7.5	7.0	7.5	7.3	56	46	57	53	4.5	523.0	0.50
31	7.0	8.3	7.5	7.6	49	47	55	50	6.3	262.0	0.25
	10.75	11.01	11.07	10.94	65.0	58.0	70.9	64.7	6.12	487.35	3.60

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu-st	9cu-st	10ni	9.3	1sw	1sw	1sw	light	
2	10st	10st	10st	10.0	1sw	1sw	1sw	,,	
3	10st	10st	10st	10.0	1s	1sw	1sw	,,	
4	2cu-st	10cu-st	10st	7.3	1sw	2sw	1e	,,	
5	0	0	0	0.0	1e	1ne	2ne	,,	
6	0	0	0	0.0	0	1n	1ne	light	D. a.m.p.m.
7	10st	8st	10st	9.3	1sw	1sw	1sw	,,	D. a.m
8	10st	10st	10st	10.0	1sw	2sw	1sw	slight	
9	1cu	0	0	0.3	1se	2n	2n	light	
10	8cu-ci	10st	10st	9.3	1sw	1sw	1sw	,,	D. a.m
11	10ci-st	10ci	10st	10.0	1nw	1w	2nw	light	
12	10ci-st	0	10st	6.7	2nw	2n	1n	,,	
13	0	10st	0	3.3	1n	2n	1ne	,,	
14	10st	8ci-st	10st	9.3	1n	2sw	2sw	,,	Hat wind, H.p.m
15	10st	10st	10st	10.0	2sw	2sw	2sw	slight	
16	10st	10cu-st	10st	10.0	4w	2w	1w	slight	Earthquake at 21h 32m
17	4cu-st	0	0	1.3	1nw	1n	1n	light	
18	10ci-st	8ci-st	0	6.0	1e	1n	1n	,,	D. a.m
19	9ci	10ni	10ni	9.7	1ne	1sw	1sw	,,	D. a.m. Fog. p.m.
20	1cu-st	2cu-st	0	1.0	1e	1w	1nw	,,	
21	3ci	0	10ci	4.3	1e	1n	1ne	light	D.a.m
22	8cu-st	5cu-st	9st	7.3	1ne	1nw	1w	,,	D. a.m.
23	0	0	0	0.0	2ne	2ne	2ne	,,	Good visibility
24	0	10ci-st	10ci-st	6.7	2ne	3ne	2ne	,,	
25	10ci-st	10ci-st	0	6.7	1ne	3ne	3ne	slight	
26	7ci	0	0	2.3	3ne	2ne	2ne	light	
27	5ci	10st	10st	8.3	1nw	1nw	1ne	,,	
28	0	10ci-st	10ni	6.7	1n	1nw	1sw	,,	Tr. a. m.
29	10ni	9cu-st	4st	7.7	1sw	1n	2ne	,,	
30	10st	10ci-st	10st	10.0	1w	2nw	2ne	,,	
31	10cu-st	0	0	3.3	1e	1ne	1ne	,,	
	mean			6.33					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	6	5	1	1	8	2	4	1	31
14:30	8	6	0	0	0	10	3	4	0	31
20:30	4	12	1	0	0	10	2	2	0	31
Total	15	24	6	1	1	28	7	10	1	93

Number of days with rain 18, fog 1, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 10.76